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	Filing Date		2004-01-15	
	First Named Inventor	David M. Bargeron		
	Art Unit	2171		
	Examiner Name	unknown		
Attorney Docket Number		MS306435.01/MSFTP504US		

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16	L.R. RABINER, A tutorial on hidden markov models and selected applications in speech recognition, 1989, In Proceedings of the IEEE, Volume 77, pages 257-286.	<input type="checkbox"/>
17	FEI SHA, et al., Shallow parsing with conditional random fields. In Hearst/Ostendorf, Eds, 2003, HLT-NAACL: Main Proceedings, pages 213-220, Ass'n for Computational Linguistics, Edmonton, Alberta, Canada.	<input type="checkbox"/>
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25	E.G. MILLER, et al., Ambiguity and constraint in mathematical expression recognition, 1996, 8 pages, In Proceedings of the National Conference of Artificial Intelligence. American Association of Artificial Intelligence.	<input type="checkbox"/>
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27	T. KANUNGO, et al., Stochastic language model for style-directed physical layout analysis of documents, 2003, pages 583-596, In IEEE Transactions on Image Processing, Vol. 5, No. 5.	<input type="checkbox"/>
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29	J. F. HULL, Recognition of mathematics using a two dimensional trainable context-free grammar, Master's thesis, MIT, June 1996, 101 pages.	<input type="checkbox"/>
30	N. MATSAKIS, Recognition of handwritten mathematical expressions, May 1999, page 1-59, Master's thesis, Massachusetts Institute of Technology, Cambridge, MA.	<input type="checkbox"/>
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32	E. CHARNIAK, et al., Edge-Based Best-First Chart Parsing, 1998, In Proceedings of the 14th National Conference on Artificial Intelligence, pages 127-133.	<input type="checkbox"/>
33	D. KLEIN, et al., A* parsing: Fast Exact Viterbi Parse Selection, Stanford University, 2001, 8 pages, Tech. Rep. dbpubs/2002-16.	<input type="checkbox"/>
34	Y. FREUND, et al., A Decision-Theoretic Generalization of On-line Learning and an Application to Boosting, 1995, In Computational Learning Theory: Eurocoll '95, Springer-Verlag, pages 23-37.	<input type="checkbox"/>
35	I. PHILIPS, et al., Cd-rom Document Database Standard, In Proceedings of the 2nd International Conference on Document Analysis and Recognition (ICDAR), 1993, pages 478-483.	<input type="checkbox"/>
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42	M. VISWANATHAN, et al., Document Recognition: An Attribute Grammar Approach, March 1996, In Proc. SPIE Vol. 2660, Document Recognition III, Vincent/Hull, Eds., pages 101-111.	<input type="checkbox"/>
43	C.D. MANNING, et al., Foundations of Statistical Natural Language Processing. The MIT Press, 1999, page 1-3.	<input type="checkbox"/>
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45	P. CHOU, Recognition Of Equations Using a 2-D Stochastic Context-Free Grammar, In SPIE Conference on Visual Communications and Image Processing, Philadelphia, PA, 1989, pages 852-863.	<input type="checkbox"/>
46	M. KAY, Algorithm Schemata And Data Structures In Syntactic Processing, 1986, pages 35-70.	<input type="checkbox"/>
47	MICHAEL SHILMAN, et al., Spatial Recognition and Grouping of Text and Graphics, Eurographics Workshop on Sketch-Based Interfaces and Modeling, 2004, 5 pages, Hughes/Jorge, Eds.	<input type="checkbox"/>
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49	MICHAEL SHILMAN, et al., Recognizing Freeform Digital Ink Annotations, IAPR International Workshop on Document Analysis Systems, September 8-10, 2004, 12 pages, Florence, Italy.	<input type="checkbox"/>
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- ☐ See attached certification statement.
- ☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- ☒ None

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A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Himanshu S. Amin/	Date (YYYY-MM-DD)	2006-08-22
Name/Print	Himanshu S. Amin	Registration Number	40894

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